

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A mattress system, comprising:
a mattress having a top surface and a bottom surface;
a cavity arranged in the mattress, the cavity being open at least toward the top surface and having a defined size;
an expandable cushion arranged in the cavity;
a mattress protector covering at least the top surface of the mattress, the protector including a first portion that extends into the cavity and a second portion that extends over the expandable cushion arranged in the cavity; and
a control system operatively coupled with the cushion to control an expansion and contraction of the cushion, wherein the control system includes a fluidic pump arranged to pump fluid into the expandable cushion, a fluid relief mechanism arranged to allow fluid to escape the expandable cushion, ~~a fluid pressure reservoir for maintaining a relatively constant pressure in the fluidic system,~~ and a fluid pressure switch operable to automatically activate and deactivate the fluidic pump to maintain a defined pressure level in the expandable cushion.

2. (original) The system according to claim 1, wherein the fluid is air,
and
wherein a control switch is provided to control an inflation and deflation of
the expandable cushion.

3. (original) The system according to claim 2, wherein the control
switch is an electric control switch.

4. (new) The system according to claim 1, further comprising a fluid
pressure reservoir operatively coupled with the control system.

5. (new) The system according to claim 1, wherein the fluid is air.

6. (new) The system according to claim 1, wherein the fluid is a liquid.

7. (new) The system according to claim 1, wherein the fluid relief
mechanism allows the fluid to escape the expandable cushion to maintain
the defined pressure level.